



Moving Forward the Science of Manufacturing



Capabilities Statement

MINORITY STATUS:

- Tribally-Owned Enterprise
- Small Disadvantaged Business
- Disadvantaged Business Enterprise
- Minority Business Enterprise

NAICS:

332313 332322 332323 332431 332439 332510 332710
 332721 332999 333131 333132 333514 333618 333999
 336412 336413 336992 336999 339999 493120

Muskogee Technology is a Tribally-owned, Small Disadvantaged Business (SDB) and Disadvantaged Business Enterprise (DBE) aerospace manufacturing and service oriented business with ISO 9001/2015 and EN/JISQ/AS9100D Quality System certifications located in Atmore, Alabama. Muskogee Technology (formerly Muskogee Metalworks), has been in operation for over twenty years with our primary business being the manufacturing of high quality machined/fabricated products.

Muskogee Technology's capabilities consist of precision machining, metal fabrication, service work, welding, prototyping, sheet metal forming, kitting, assembly, warehousing, and composites cutting, kitting and sub-zero storage. We use the latest technology of CAD/CAM software for 3,4 and 5- axis CNC machining, turning and waterjet cutting operations to manufacture aerospace precision type products using the top-of-the-line manufacturing and quality inspection software and protocols.

Our experience includes reverse engineering, modifying, qualifying, and manufacturing complex products to detailed AS9100D and Nadcap Composites specifications. We have successfully managed large multi-year programs requiring comprehensive management of schedules, costs and quality. Muskogee Technology has worked with strategic partners to develop and maintain technical data packages, provide configuration control, develop prototypes and first articles, as well as, plan and support tests and fabrication of the production units.

Muskogee Technology is strategically aligned and structured to manufacture and deliver quality parts on time, every time. Our senior staff is experienced and knowledgeable in the targeted markets; they are dedicated, committed and passionate about ensuring your project is a success.

MINORITY STATUS:



OUR CERTIFICATIONS:



A Few Of Our Clients:





Equipment and Software

Machining

Haas ST-45 Live tool lathe, 7" Spindle Bore and 25.5" diameter turning capacity and 44" cutting length
 Haas TR-310 Dual Axis Trunnion Rotary Table with 12.20" platter diameter for 5-axis machining.
 Haas VF-2SS Vertical Machining Center (X 30" x Y 16" x Z 20" Travel) w/4th axis capability
 Haas ST-30Y Live tool and Y-axis lathe, 3.0" spindle bore and 18" diameter turning capacity, 23" cutting length with Bar Feeder
 Mitsubishi MCV-1000 Vertical Machining Center (X 40.2" x Y 20.3" x Z 21.3") w/4th Axis
 Haas VF-9/40 Taper Vertical Machining Center (X 84" x Y 40" x Z 30")
 Haas VF-9/50 Taper Vertical Machining Center (X 84" x Y 40" x Z 30")
 Haas SL-20 Lathe 2" spindle bore, 10.3" turning diameter and 24" cutting length with Bar Feeder
 (2) Haas Super Mini Mill (X 16" x Y 12" x Z 10") with 4th axis capability
 Bridgeport Manual Mill, (X 29" x Y 11" x Z 5")
 Clausing Colchester-15, Manual lathe, 8" X 40" envelope

AS500-12 Standard Industrial Sheer, 1/2" x 12' Mild Steel or 3/8" x 12" SS envelope
Baileigh Industrial 403 Plate Roller, 48" Forming Width, 1/4" Mild Steel Capacity
12K & 5K IRCO Weld Positioner
10K IRCO Power Turning Roller
 Overhead 10T Bridge Crane
 (4) 3T Jib Cranes
 (2) 1T Portable Jib Cranes

Welding

(9) Miller 450 Inversion Weld Machine with D-74 MPa Plus Wire feeder & boom
 (4) Miller XMT 304 Multiprocess Welding Machine
(3) 350 Power Mig Machine
375 Precision Tig Machine
(3) 275 Precision Tig Machine
 Subarc DC650 Weld Machine
 40' x 40' Carbon Free Controlled Welding Room

Fabrication

Alltra CNC Hypertherm Hi-Definition Plasma Cutter, 400 Amps with 10' x 14' table
 Alltra CNC Oxy Acetylene Dual Head Torch Cutter, 12" cut Envelope with 10' x 14' table
 Omax 55100 Water Jet, Cutting envelope (X 100" x Y 55" x Z 8"), table size (X 126" x Y 65")
AB600-14 Standard Industrial 600T Press Brake, 1" bend envelope, 14' long
Standard Industrial 500T C-Frame Straightening Press
Powerteam Hydraulic 100T H-Frame Press
 Genesis Fanuc Robot M-710ic CNC Beveling Arm, 3" bevel envelope with 6' reach
Edwards 100 ton Iron worker
 WF Wells F16-1A CNC Band Saw with 16" H x 20" W envelope
Hyd-Mech S-20 Horizontal Pivot Band Saw with 13" H x 18" W Envelope
 Johnson VH-24 Vertical Saw

Composites

(2) Eastman Eagle-S125 CNC Composite Cutting Machines with 6' x 60' table
 (2) Eastman Eagle-S125 CNC Composite Cutting Machines with 6' x 30' table
 Sub-Zero Cold Storage, 9,483 Sq. ft.
Hino 26ft. Freezer Truck

Quality

FARO Portable CMM System with 4' arm
 Keyence IM-7001 Optical Comparator with 200mm x 200mm envelope
 Zeiss Eclipse 4040 CMM with 1000mm x 1000mm x 500mm envelope

Software

OMAX, Mastercam X, Catia V5, Capvida, Calypso CMM, SolidWorks, Pronest, Visual Fair and PPAP for AS9102